



06-15-00

GAU 2731

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 99,089)

In re Application of:

Mark O. Vogel

Serial No.: 09/318,460

Filed: May 25, 1999

For: **METHOD FOR DYNAMIC
PERFORMANCE
OPTIMIZATION IN A
DATA-OVER-CABLE SYSTEM**

Examiner: To be Assigned

Art Unit: 2731

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GROUP 2700Asst. Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

1. We are transmitting herewith the attached papers for the above identified new patent application:
 - 1) Fourth Supplemental Information Disclosure Statement Letter;
 - 2) Fourth Supplemental PTO-1449 Form;
 - 3) Return Postcard; and
 - 4) Copies of IDS citations for 09/318,460 (3 cited references).
2. No fee is due.
3. **GENERAL AUTHORIZATION TO CHARGE OR CREDIT FEES:** Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.10:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" and is addressed to Asst. Commissioner for Patents, Washington, D.C. 20231 on this 14th day of June 2000.

By: _____

Enrique Perez
Reg. No. 43,853



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FOURTH SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the

references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103.

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CITED REFERENCES

U.S. Patent Documents

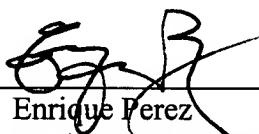
	Document	Date	Name	Class
1.	6,049,826	April 11, 2000	Beser	709
2.	6,058,421	May 2, 2000	Fijolek et al.	709
3.	6,070,246	May 30, 2000	Beser	713

Respectfully submitted,

McDonnell, Boehnen, Hulbert & Berghoff

Date: **June 14, 2000**

by:



Enrique Perez
Registration No. 43,853